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OM protein - protein search, using sw model

Run on: June 27, 2003, 18:14:36 ; Search time 50 Seconds  
(without alignments)  
778.493 Million cell updates/sec

Title: US-09-922-895-1  
Perfect score: 1854  
Sequence: 1 MTSLSPTVEFTGTTSTYDY.....LERTSSVSTAPELSTVF 355

Scoring table:  
BLOSUM62  
Gap 10.0, Gapext 0.5

Searched: 424699 seqs, 109646833 residues  
Total number of hits satisfying chosen parameters: 424699

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications, AA:\*

1:	/cgn2_6/ptodata/1/pubppaa/US08_NEW_PUB.pep:*
2:	/cgn2_6/ptodata/1/pubppaa/PCT_NEW_PUB.pep:*
3:	/cgn2_6/ptodata/1/pubppaa/US06_NEW_PUB.pep:*
4:	/cgn2_6/ptodata/1/pubppaa/US06_PUBCOMB.pep:*
5:	/cgn2_6/ptodata/1/pubppaa/US07_NEW_PUB.pep:*
6:	/cgn2_6/ptodata/1/pubppaa/US07_PUBCOMB.pep:*
7:	/cgn2_6/ptodata/1/pubppaa/PCTUS_PUBCOMB.pep:*
8:	/cgn2_6/ptodata/1/pubppaa/US08_PUBCOMB.pep:*
9:	/cgn2_6/ptodata/1/pubppaa/US09_NEW_PUB.pep:*
10:	/cgn2_6/ptodata/1/pubppaa/US09_PUBCOMB.pep:*
11:	/cgn2_6/ptodata/1/pubppaa/US10_NEW_PUB.pep:*
12:	/cgn2_6/ptodata/1/pubppaa/US10_PUBCOMB.pep:*
13:	/cgn2_6/ptodata/1/pubppaa/US60_NEW_PUB.pep:*
14:	/cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	1854	100.0	355 9 US-09-922-895-1	Sequence 1, App1
2	1854	100.0	355 9 US-10-225-567A-64	Sequence 64, App1
3	1854	100.0	355 12 US-10-106-623-4	Sequence 4, App1
4	1851	99.8	355 10 US-09-931-381A-16	Sequence 16, App1
5	1752	94.5	355 10 US-09-938-719-8	Sequence 8, App1
6	1752	94.5	355 10 US-09-939-226-8	Sequence 8, App1
7	1752	94.5	355 10 US-09-938-703-8	Sequence 8, App1
8	1746	94.2	352 9 US-10-001-835-140	Sequence 140, App1
9	1181.5	63.7	355 9 US-10-225-567A-62	Sequence 62, App1
10	1181.5	63.7	355 10 US-09-961-068-1	Sequence 1, App1
11	1181.5	63.7	355 10 US-09-960-547-1	Sequence 1, App1
12	1181.5	63.7	375 9 US-10-219-834-78	Sequence 78, App1
13	1181.5	61.2	355 10 US-09-938-719-9	Sequence 9, App1
14	1134.5	61.2	355 10 US-09-939-226-9	Sequence 9, App1
15	1134.5	61.2	355 10 US-09-938-703-9	Sequence 9, App1
16	958.5	51.7	383 9 US-10-225-567A-543	Sequence 543, App1
17	947	51.1	347 10 US-09-104-792-3	Sequence 3, App1
18	947	51.1	360 9 US-10-225-567A-460	Sequence 460, App1
19	947	51.1	360 10 US-09-131-827A-2	Sequence 2, App1

20	946	51.0	360 10 US-09-131-827A-20	Sequence 20, App1
21	944	50.9	360 10 US-09-938-719-7	Sequence 7, App1
22	944	50.9	360 10 US-09-939-226-7	Sequence 7, App1
23	944	50.9	360 10 US-09-938-703-7	Sequence 7, App1
24	943.5	50.9	352 12 US-10-106-623-20	Sequence 20, App1
25	938.5	50.6	352 9 US-10-086-814-1	Sequence 1, App1
26	938.5	50.6	352 9 US-09-734-221A-14	Sequence 14, App1
27	938.5	50.6	352 9 US-10-230-058A-6	Sequence 6, App1
28	938.5	50.6	352 9 US-10-225-567A-352	Sequence 352, App1
29	938.5	50.6	352 10 US-09-759-841-2	Sequence 2, App1
30	938.5	50.6	352 10 US-09-813-653-15	Sequence 15, App1
31	938.5	50.6	352 10 US-09-796-802-1	Sequence 1, App1
32	938.5	50.6	352 10 US-09-938-719-5	Sequence 5, App1
33	938.5	50.6	352 10 US-09-939-226-5	Sequence 5, App1
34	938.5	50.6	352 10 US-09-938-703-5	Sequence 5, App1
35	938.5	50.6	352 12 US-10-106-623-2	Sequence 2, App1
36	937.5	50.6	352 9 US-10-232-666-2	Sequence 2, App1
37	937.5	50.6	352 9 US-10-067-800-22	Sequence 22, App1
38	937.5	50.6	352 10 US-09-725-285-2	Sequence 2, App1
39	937.5	50.6	352 10 US-09-779-879A-22	Sequence 22, App1
40	937.5	50.6	352 10 US-09-779-880A-22	Sequence 22, App1
41	937.5	50.6	352 10 US-09-195-662A-2	Sequence 2, App1
42	937.5	50.6	352 10 US-09-339-912A-2	Sequence 2, App1
43	937.5	50.6	352 10 US-09-502-783A-2	Sequence 2, App1
44	933.5	50.4	352 9 US-10-067-800-2	Sequence 2, App1
45	933.5	50.4	352 10 US-09-779-879A-2	Sequence 2, App1

# ALIGNMENTS

RESULT 1  
US-09-922-895-1  
Sequence 1, Application US/09922895  
Publication No. US20020192214A1

GENERAL INFORMATION:  
APPLICANT: DAUGHERTY, BRUCE L.  
DEMARTINO, JULIE A.  
SICILIANO, SALVATORE J.  
SPRINGER, MARTIN J.  
TITLE OF INVENTION: EOSINOPHIL BOTAXIN RECEPTOR  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Merck & Co., Inc.  
STREET: P. O. Box 2000, 126 E. Lincoln Ave.  
CITY: Rahway  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065-0900

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/922,895  
FILING DATE: 06-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/847,296  
FILING DATE: <Unknown>  
APPLICATION NUMBER: 60/017,113  
FILING DATE: 26-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Thies, J. Eric  
REGISTRATION NUMBER: 35,382  
REFERENCE/DOCKET NUMBER: 19634Y  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3904  
TELEFAX: 908-594-4720  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:

LENGTH: 355 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 US-09-922-895-1

Query Match 100.0%; Score 1854; DB 9; Length 355;  
 Best Local Similarity 100.0%; Pred. No. 3.5e-157;  
 Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMYMI 60  
 DB 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMYMI 60  
 QY 61 KTRRLRIMNTIYLNLAIISDLFLVTLFPWIIHYVKGHNWFGHGCKLLSGFYHGLYSE 120  
 DB 61 KTRRLRIMNTIYLNLAIISDLFLVTLFPWIIHYVKGHNWFGHGCKLLSGFYHGLYSE 120  
 QY 121 IFFIILLTDRILAIVHAFALRARTVTEGVITSTVWGLAVLAALPEFIETETELFEE 180  
 DB 121 IFFIILLTDRILAIVHAFALRARTVTEGVITSTVWGLAVLAALPEFIETETELFEE 180  
 QY 181 TLCSALYPEDVYSNRHFTLMTJFCVLPLVNAICTGTGIKTLRCPSSKKRYKAI 240  
 DB 181 TLCSALYPEDVYSNRHFTLMTJFCVLPLVNAICTGTGIKTLRCPSSKKRYKAI 240  
 QY 241 IFVIAVFEIEMTPYVNAIILSSYOSILEGNCERSKHLDMVLTVEVIAVSHCCMPYI 300  
 DB 241 IFVIAVFEIEMTPYVNAIILSSYOSILEGNCERSKHLDMVLTVEVIAVSHCCMPYI 300  
 QY 301 YAFVGERFRKYLRRHFFHRLMLHGLRYIPFLPSEKLEKTSVSPSTAPELSIVF 355  
 DB 301 YAFVGERFRKYLRRHFFHRLMLHGLRYIPFLPSEKLEKTSVSPSTAPELSIVF 355

RESULT 2  
 US-10-225-567A-64  
 ; Sequence 64, Application US/10225567A  
 ; Publication No. US20030113798A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Lifespan Biosciences  
 ; APPLICANT: Brown, Joseph P.  
 ; APPLICANT: Burner, Glenna C.  
 ; APPLICANT: Roush, Christine L.  
 ; TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS  
 ; FILE REFERENCE: 1920-4-4  
 ; CURRENT APPLICATION NUMBER: US/10/225,567A  
 ; CURRENT FILING DATE: 2001-12-19  
 ; PRIOR APPLICATION NUMBER: 60/257,144  
 ; NUMBER OF SEQ ID NOS: 2292  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 64  
 ; LENGTH: 355  
 ; TYPE: prt  
 ; ORGANISM: Homo sapiens  
 ; US-10-225-567A-64

Query Match 100.0%; Score 1854; DB 9; Length 355;  
 Best Local Similarity 100.0%; Pred. No. 3.5e-157;  
 Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMYMI 60  
 DB 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMYMI 60  
 QY 61 KTRRLRIMNTIYLNLAIISDLFLVTLFPWIIHYVKGHNWFGHGCKLLSGFYHGLYSE 120  
 DB 61 KTRRLRIMNTIYLNLAIISDLFLVTLFPWIIHYVKGHNWFGHGCKLLSGFYHGLYSE 120  
 QY 121 IFFIILLTDRILAIVHAFALRARTVTEGVITSTVWGLAVLAALPEFIETETELFEE 180

DB 121 IFFIILLTDRILAIVHAFALRARTVTEGVITSTVWGLAVLAALPEFIETETELFEE 180  
 QY 181 TLCSALYPEDVYSNRHFTLMTJFCVLPLVNAICTGTGIKTLRCPSSKKRYKAI 240  
 DB 181 TLCSALYPEDVYSNRHFTLMTJFCVLPLVNAICTGTGIKTLRCPSSKKRYKAI 240  
 QY 241 IFVIAVFEIEMTPYVNAIILSSYOSILEGNCERSKHLDMVLTVEVIAVSHCCMPYI 300  
 DB 241 IFVIAVFEIEMTPYVNAIILSSYOSILEGNCERSKHLDMVLTVEVIAVSHCCMPYI 300  
 QY 301 YAFVGERFRKYLRRHFFHRLMLHGLRYIPFLPSEKLEKTSVSPSTAPELSIVF 355  
 DB 301 YAFVGERFRKYLRRHFFHRLMLHGLRYIPFLPSEKLEKTSVSPSTAPELSIVF 355

RESULT 3  
 US-10-106-623-4  
 ; Sequence 4, Application US/10106623  
 ; Patent No. US20020150888A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gray, Patrick W.  
 ; APPLICANT: Schwelckart, Vicky L.  
 ; Report, Carol J.  
 ; TITLE OF INVENTION: Chemokine Receptor Materials and Methods  
 ; NUMBER OF SEQUENCES: 20  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
 ; STREET: 6300 Sears Tower, 233 S. Wacker Drive  
 ; CITY: Chicago  
 ; STATE: Illinois  
 ; COUNTRY: USA  
 ; ZIP: 60606  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/10/106,623  
 ; FILING DATE: 26-Mar-2002  
 ; CLASSIFICATION: <unknown>  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/771,276  
 ; FILING DATE: <unknown>  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: No. US20020150888A1and, Greta E.  
 ; REGISTRATION NUMBER: 35,302  
 ; REFERENCE/DOCKET NUMBER: 27866/33670  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 312-474-6300  
 ; TELEFAX: 312-474-0448  
 ; INFORMATION FOR SEQ ID NO: 4:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 355 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; FEATURE:  
 ; NAME/KEY: misc.feature  
 ; OTHER INFORMATION: /- "88-28 amino acid sequence"  
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
 ; US-10-106-623-4

Query Match 100.0%; Score 1854; DB 12; Length 355;  
 Best Local Similarity 100.0%; Pred. No. 3.5e-157;  
 Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMYMI 60  
 DB 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMYMI 60  
 QY 61 KTRRLRIMNTIYLNLAIISDLFLVTLFPWIIHYVKGHNWFGHGCKLLSGFYHGLYSE 120

Db 61 KYRRLRMTNTIYLNLAISDLFLVTLPEFWIHYRGHWVGHGCKLLSGFYHTGLYSE 120  
QY 121 IFFIILLIDRYLAIVHAFVLRARVTFGVITSVTWGLAVLALPEFIYETEELFEE 180  
Db 121 IFFIILLIDRYLAIVHAFVLRARVTFGVITSVTWGLAVLALPEFIYETEELFEE 180  
QY 181 TLCSALYPEDVYSWRHFRHTLMTIFCLVPLVMAICYTGIIKTLRCPKSKKKYKARL 240  
Db 181 TLCSALYPEDVYSWRHFRHTLMTIFCLVPLVMAICYTGIIKTLRCPKSKKKYKARL 240  
QY 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIAVSHCCMPVI 300  
Db 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIAVSHCCMPVI 300  
QY 301 YAFVGERFRKYLRFHFRHLLMLHGRYIPFLPSEKLETTSSVSPSTAPELSIYF 355  
Db 301 YAFVGERFRKYLRFHFRHLLMLHGRYIPFLPSEKLETTSSVSPSTAPELSIYF 355

RESULT 4  
US-09-931-381A-16  
Sequence 16, Application US/09931381A  
Patent No. US20020137107A1  
GENERAL INFORMATION:  
APPLICANT: Butcher, Eugene C.  
APPLICANT: Kunkel, Eric J.  
APPLICANT: Pan, Junliang  
APPLICANT: Soler-Ferran, Dulce  
TITLE OF INVENTION: Method for Identifying Agents Which  
Induce Chemokine "Mec"-Induced Functions of CCR3 and/or  
TITLE OF INVENTION: CCR3  
FILE REFERENCE: 1855.2010-003  
CURRENT APPLICATION NUMBER: US/09/931.381A  
CURRENT FILING DATE: 2001-08-15  
PRIOR APPLICATION NUMBER: U.S. 09/638.914  
PRIOR FILING DATE: 2000-08-15  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 16  
LENGTH: 355  
TYPE: PRN  
ORGANISM: Homo sapiens  
US-09-931-381A-16

Query Match 99.88; Score 1851; DB 10; Length 355;  
Best Local Similarity 99.78; Pred. No. 6.5e-157;  
Matches 354; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MTSIDLVEFEFGTTSYDDVGLCEKADTRALMAQFVPLXSLVFTVGLGNVVMILI 60  
Db 1 MTSIDLVEFEFGTTSYDDVGLCEKADTRALMAQFVPLXSLVFTVGLGNVVMILI 60  
QY 61 KYRRLRMTNTIYLNLAISDLFLVTLPEFWIHYRGHWVGHGCKLLSGFYHTGLYSE 120  
Db 61 KYRRLRMTNTIYLNLAISDLFLVTLPEFWIHYRGHWVGHGCKLLSGFYHTGLYSE 120  
QY 121 IFFIILLIDRYLAIVHAFVLRARVTFGVITSVTWGLAVLALPEFIYETEELFEE 180  
Db 121 IFFIILLIDRYLAIVHAFVLRARVTFGVITSVTWGLAVLALPEFIYETEELFEE 180  
QY 181 TLCSALYPEDVYSWRHFRHTLMTIFCLVPLVMAICYTGIIKTLRCPKSKKKYKARL 240  
Db 181 TLCSALYPEDVYSWRHFRHTLMTIFCLVPLVMAICYTGIIKTLRCPKSKKKYKARL 240  
QY 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIAVSHCCMPVI 300  
Db 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIAVSHCCMPVI 300  
QY 301 YAFVGERFRKYLRFHFRHLLMLHGRYIPFLPSEKLETTSSVSPSTAPELSIYF 355  
Db 301 YAFVGERFRKYLRFHFRHLLMLHGRYIPFLPSEKLETTSSVSPSTAPELSIYF 355

RESULT 5  
US-09-938-719-8  
Sequence 8, Application US/09938719  
Patent No. US20020106742A1  
GENERAL INFORMATION:  
APPLICANT: SAMSON, MICHEL  
PARMENTIER, MARC  
VASSART, GILBERT  
LIBERT, FREDERICK  
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESS: Knobb, Martens, Olson & Bear  
STREET: 620 Newport Center Drive 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/938.719  
FILING DATE: 24-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/626.939  
FILING DATE: 27-JULY-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E  
REGISTRATION NUMBER: 34.115  
REFERENCE/DOCKET NUMBER: <Unknown>  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 355 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: NO. US20020106742A1e  
SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-09-938-719-8

Query Match 94.58; Score 1752; DB 10; Length 355;  
Best Local Similarity 92.18; Pred. No. 4.2e-148;  
Matches 327; Conservative 17; Mismatches 11; Indels 0; Gaps 0;  
QY 1 MTSIDLVEFEFGTTSYDDVGLCEKADTRALMAQFVPLXSLVFTVGLGNVVMILI 60  
Db 1 MTSIDLVEFEFGTTSYDDVGLCEKADTRALMAQFVPLXSLVFTVGLGNVVMILI 60  
QY 61 KYRRLRMTNTIYLNLAISDLFLVTLPEFWIHYRGHWVGHGCKLLSGFYHTGLYSE 120  
Db 61 KYRRLRMTNTIYLNLAISDLFLVTLPEFWIHYRGHWVGHGCKLLSGFYHTGLYSE 120  
QY 121 IFFIILLIDRYLAIVHAFVLRARVTFGVITSVTWGLAVLALPEFIYETEELFEE 180  
Db 121 IFFIILLIDRYLAIVHAFVLRARVTFGVITSVTWGLAVLALPEFIYETEELFEE 180  
QY 181 TLCSALYPEDVYSWRHFRHTLMTIFCLVPLVMAICYTGIIKTLRCPKSKKKYKARL 240  
Db 181 TLCSALYPEDVYSWRHFRHTLMTIFCLVPLVMAICYTGIIKTLRCPKSKKKYKARL 240  
QY 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIAVSHCCMPVI 300  
Db 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIAVSHCCMPVI 300  
QY 301 YAFVGERFRKYLRFHFRHLLMLHGRYIPFLPSEKLETTSSVSPSTAPELSIYF 355  
Db 301 YAFVGERFRKYLRFHFRHLLMLHGRYIPFLPSEKLETTSSVSPSTAPELSIYF 355

## RESULT 6

US-09-939-226-8

Sequence 8, Application US/09939226  
Patent No. US20020110805A1

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL

PARMENTIER, MARC

VASSART, GILBERT

LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR

AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESS: Knobbé, Martens, Olson &amp; Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: CA

COUNTRY: U.S.A.

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939,226

FILING DATE: 24-Aug-2001

CLASSIFICATION: &lt;Unknown&gt;

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939

FILING DATE: 2000-07-27

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E.

REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: &lt;Unknown&gt;

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 355 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: NO. US20020110805A1

SEQUENCE DESCRIPTION: SEQ ID NO: 8:

US-09-939-226-8

Query Match

Best Local Similarity

Matches 327; Conservative 17; Mismatches 11; Indels 0; Gaps 0;

DB

DB

DB

DB

DB

DB

DB

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DB

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DB

DB

DB

## RESULT 7

US-09-938-703-8

Sequence 8, Application US/09938703  
Patent No. US20020110870A1

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL

PARMENTIER, MARC

VASSART, GILBERT

LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR

AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESS: Knobbé, Martens, Olson &amp; Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: CA

COUNTRY: U.S.A.

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/938,703

FILING DATE: 24-Aug-2001

CLASSIFICATION: &lt;Unknown&gt;

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939

FILING DATE: 2000-07-27

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E.

REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: &lt;Unknown&gt;

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 355 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: NO. US20020110870A1

SEQUENCE DESCRIPTION: SEQ ID NO: 8:

US-09-938-703-8

Query Match

Best Local Similarity

Matches 327; Conservative 17; Mismatches 11; Indels 0; Gaps 0;

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

DB

Db 301 YAFVGERPKYIRHFFRHLMLHGRYIPFLPXXHXIKSISVSSTAPELSTIVE 355

RESULT 8  
US-10-001-835-140  
; Sequence 140, Application US/10001835  
; Patent No. US20020160387A1  
; GENERAL INFORMATION:  
; APPLICANT: Salceda, Susana  
; APPLICANT: Macina, Roberto  
; APPLICANT: Recipon, Herre  
; APPLICANT: Cafferey, Robert  
; APPLICANT: Sun, Yongming  
; APPLICANT: Liu, Chenghua  
; TITLE OF INVENTION: Compositions and Methods Relating to Ovary Specific Genes and Pro  
; FILE REFERENCE: DEX-0277  
; CURRENT APPLICATION NUMBER: US/10/001,835  
; PRIOR FILING DATE: 2001-11-20  
; PRIOR APPLICATION NUMBER: 60/249,997  
; PRIOR FILING DATE: 2000-11-20  
; NUMBER OF SEQ ID NOS: 228  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 140  
; LENGTH: 332  
; TYPE: PRT  
; ORGANISM: Homo sapien  
US-10-001-835-140

Query Match 94.2%; Score 1746; DB 9; Length 332;  
Best Local Similarity 100.0%; Pred. No. 1.3e-147;  
Matches 332; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTSISLDTVEFGTSTSYDDVGLCEKADTRALMAQFVPPYSLVFTVGLGNVVMILII 60  
Db 1 MTSISLDTVEFGTSTSYDDVGLCEKADTRALMAQFVPPYSLVFTVGLGNVVMILII 60

QY 61 KYRRLRIMTNYIYLNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSE 120  
Db 61 KYRRLRIMTNYIYLNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSE 120

QY 121 IFFIILITIDRYLAIVHAVFALRARTVFGVITSIWVGIAVLALPEFIYEETELFEE 180  
Db 121 IFFIILITIDRYLAIVHAVFALRARTVFGVITSIWVGIAVLALPEFIYEETELFEE 180

QY 181 TICSALXPEDTVYSWRHFFHRLMTIFCLVPLVMAICYTGIIKTLRCPSKKRYKAI 240  
Db 181 TICSALXPEDTVYSWRHFFHRLMTIFCLVPLVMAICYTGIIKTLRCPSKKRYKAI 240

QY 241 IFVIMAVFIFWIPYNNVAILLSYOSILFGNDCERSKHLVMLVTEVIAYSHCCMNPVI 300  
Db 241 IFVIMAVFIFWIPYNNVAILLSYOSILFGNDCERSKHLVMLVTEVIAYSHCCMNPVI 300

QY 301 YAFVGERPKYIRHFFRHLMLHGRYIPFLP 332  
Db 301 YAFVGERPKYIRHFFRHLMLHGRYIPFLP 332

RESULT 9  
US-10-225-567A-62  
; Sequence 62, Application US/10225567A  
; Publication No. US20030113798A1  
; GENERAL INFORMATION:  
; APPLICANT: Lifespan Biosciences  
; APPLICANT: Brown, Joseph P.  
; APPLICANT: Burner, Glenn C.  
; APPLICANT: Roush, Christine L.  
; TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS  
; FILE REFERENCE: 1920-4-4  
; CURRENT APPLICATION NUMBER: US/10/225,567A  
; PRIOR FILING DATE: 2001-12-19  
; PRIOR APPLICATION NUMBER: 60/257,144  
; PRIOR FILING DATE: 2000-12-19

; NUMBER OF SEQ ID NOS: 2292  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 62  
; LENGTH: 355  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-225-567A-62

Query Match 63.7%; Score 1181.5; DB 9; Length 355;  
Best Local Similarity 63.2%; Pred. No. 2.4e-97;  
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

QY 6 DTVETFGTSTSYD-DVGLCEKADTRALMAQFVPPYSLVFTVGLGNVVMILIKYR 64  
Db 5 NTEDYDTTETFDGATPCQKVNRAFGAQLPLPLSLVFTVGLGNVVMILVLYQKR 64

QY 65 LRIMTNYIYLNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSEIFI 124  
Db 65 LRIMTNYIYLNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSEIFI 124

QY 125 ILITIDRYLAIVHAVFALRARTVFGVITSIWVGIAVLALPEFIYEETELFEEI 184  
Db 125 ILITIDRYLAIVHAVFALRARTVFGVITSIWVGIAVLALPEFIYEETELFEEI 184

QY 185 ALYPEDTVYSWRHFFHRLMTIFCLVPLVMAICYTGIIKTLRCPSKKRYKAI 244  
Db 185 ALYPEDTVYSWRHFFHRLMTIFCLVPLVMAICYTGIIKTLRCPSKKRYKAI 244

QY 245 MAVFIFWIPYNNVAILLSYOSILFGNDCERSKHLVMLVTEVIAYSHCCMNPVIYAFV 304  
Db 245 MAVFIFWIPYNNVAILLSYOSILFGNDCERSKHLVMLVTEVIAYSHCCMNPVIYAFV 304

QY 305 GERFRKYLRQFHRHRAVHLVKMLPFLSVLDLENVSISPGTEHEL 355  
Db 305 GERFRKYLRQFHRHRAVHLVKMLPFLSVLDLENVSISPGTEHEL 355

RESULT 10  
US-09-961-068-1  
; Sequence 1, Application US/09961068  
; Patent No. US20020037539A1  
; GENERAL INFORMATION:  
; APPLICANT: Qin, Shixin  
; APPLICANT: Newman, Walter  
; APPLICANT: Kassam, Nasim  
; TITLE OF INVENTION: ANTI-CCR1 ANTIBODIES AND METHODS OF USE  
; FILE REFERENCE: 1655.1048-011  
; CURRENT APPLICATION NUMBER: US/09/961,068  
; PRIOR FILING DATE: 2001-09-21  
; PRIOR APPLICATION NUMBER: US 09/239,938  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 355  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-961-068-1

Query Match 63.7%; Score 1181.5; DB 10; Length 355;  
Best Local Similarity 63.2%; Pred. No. 2.4e-97;  
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

QY 6 DTVETFGTSTSYD-DVGLCEKADTRALMAQFVPPYSLVFTVGLGNVVMILIKYR 64  
Db 5 NTEDYDTTETFDGATPCQKVNRAFGAQLPLPLSLVFTVGLGNVVMILVLYQKR 64

QY 65 LRIMTNYIYLNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSEIFI 124  
Db 65 LRIMTNYIYLNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSEIFI 124

QY 125 ILITIDRYLAIVHAVFALRARTVFGVITSIWVGIAVLALPEFIYEETELFEEI 184  
Db 125 ILITIDRYLAIVHAVFALRARTVFGVITSIWVGIAVLALPEFIYEETELFEEI 184

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Db 125 ILTTDRALAIYHAFALRARTVGTSTIIIMALALIASMPGLYFSTKOWEFYHNC 184
OY 185 ALYEDYVSMRHFHTLITFCVLPLVMAICTGIIKTLRCPSSKKRYAIRLIVY 244
Db 185 LHPHESLRKMLFQALKINLFGVLPLVMAICTGIIKTLRCPSSKKRYAIRLIVY 244
OY 245 MAVFIFWTPYVNAIILSSYOSILFGNDCERSKHLDLVLTVEIAYSHCCNPIYAFV 304
Db 245 MIIFLFWTPYVNAIILSSYOSILFGNDCERSKHLDLVLTVEIAYSHCCNPIYAFV 304
OY 305 GERFRKYLRHFRHRLHMLGRYIPFLPSEKLEKTSVSPSTAEDELISVF 355
Db 305 GERFRKYLRHFRHRLHMLGRYIPFLPSEKLEKTSVSPSTAEDELISVF 355

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RESULT 11  
US-09-960-547-1

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; Sequence 1, Application US/09960547
; Patent No. US20020061305A1
; GENERAL INFORMATION:
; APPLICANT: Qln, Shixin
; APPLICANT: Newman, Walter
; APPLICANT: Kassem, Nasim
; TITLE OF INVENTION: ANTI-CCR1 ANTIBODIES AND METHODS OF USE
; FILE REFERENCE: 1855.1048-010
; CURRENT APPLICATION NUMBER: US/09/960,547
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: US 09/239,938
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FASTSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 355
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-960-547-1

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Query Match 63.7%; Score 1181.5; DB 10; Length 355;  
Best Local Similarity 63.2%; Pred. No. 2.4e-97;  
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

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OY 6 DVEVEFGTSTYD-DVGLLCEKADRALMAQVPPYLSIVTVGLGNNVMMILIKR 64
Db 5 NTDEDVTTERFDYDAPPCQKVNERRAFGAQLPLPLYSIVFVIGLVGNLVLVLYQKR 64
OY 65 LRMTNIIYLNALISDLFLVTLPPWIVYRGNNVFGHGCKLLSGFYHGLYSEIIFI 124
Db 65 LKMTSIYLNALISDLFLVTLPPWIVYRGNNVFGHGCKLLSGFYHGLYSEIIFI 124
OY 125 ILTTDRALAIYHAFALRARTVGTSTIIIMALALIASMPGLYFSTKOWEFYHNC 184
Db 125 ILTTDRALAIYHAFALRARTVGTSTIIIMALALIASMPGLYFSTKOWEFYHNC 184
OY 185 ALYEDYVSMRHFHTLITFCVLPLVMAICTGIIKTLRCPSSKKRYAIRLIVY 244
Db 185 LHPHESLRKMLFQALKINLFGVLPLVMAICTGIIKTLRCPSSKKRYAIRLIVY 244
OY 245 MAVFIFWTPYVNAIILSSYOSILFGNDCERSKHLDLVLTVEIAYSHCCNPIYAFV 304
Db 245 MIIFLFWTPYVNAIILSSYOSILFGNDCERSKHLDLVLTVEIAYSHCCNPIYAFV 304
OY 305 GERFRKYLRHFRHRLHMLGRYIPFLPSEKLEKTSVSPSTAEDELISVF 355
Db 305 GERFRKYLRHFRHRLHMLGRYIPFLPSEKLEKTSVSPSTAEDELISVF 355

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RESULT 12  
US-10-219-834-78  
; Sequence 78, Application US/10219834  
; Publication No. US20030096751A1  
; GENERAL INFORMATION:

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; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: G-PROTEIN COUPLED RECEPTOR POLYNUCLEOTIDES AND METHODS OF USE
; FILE REFERENCE: D0191 NP
; CURRENT APPLICATION NUMBER: US/10/219,834
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/313,658
; PRIOR FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/340,703
; PRIOR FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: US 60/318,675
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US 60/355,596
; PRIOR FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: US 60/333,417
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US 60/338,367
; PRIOR FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 78
; LENGTH: 375
; TYPE: PRF
; ORGANISM: Homo sapiens
US-10-219-834-78

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Query Match 63.7%; Score 1181.5; DB 9; Length 375;  
Best Local Similarity 63.2%; Pred. No. 2.5e-97;  
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

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OY 6 DVEVEFGTSTYD-DVGLLCEKADRALMAQVPPYLSIVTVGLGNNVMMILIKR 64
Db 25 NTDEDVTTERFDYDAPPCQKVNERRAFGAQLPLPLYSIVFVIGLVGNLVLVLYQKR 84
OY 65 LRMTNIIYLNALISDLFLVTLPPWIVYRGNNVFGHGCKLLSGFYHGLYSEIIFI 124
Db 85 LKMTSIYLNALISDLFLVTLPPWIVYRGNNVFGHGCKLLSGFYHGLYSEIIFI 144
OY 125 ILTTDRALAIYHAFALRARTVGTSTIIIMALALIASMPGLYFSTKOWEFYHNC 184
Db 145 ILTTDRALAIYHAFALRARTVGTSTIIIMALALIASMPGLYFSTKOWEFYHNC 204
OY 185 ALYEDYVSMRHFHTLITFCVLPLVMAICTGIIKTLRCPSSKKRYAIRLIVY 244
Db 205 LHPHESLRKMLFQALKINLFGVLPLVMAICTGIIKTLRCPSSKKRYAIRLIVY 264
OY 245 MAVFIFWTPYVNAIILSSYOSILFGNDCERSKHLDLVLTVEIAYSHCCNPIYAFV 304
Db 265 MIIFLFWTPYVNAIILSSYOSILFGNDCERSKHLDLVLTVEIAYSHCCNPIYAFV 324
OY 305 GERFRKYLRHFRHRLHMLGRYIPFLPSEKLEKTSVSPSTAEDELISVF 355
Db 325 GERFRKYLRHFRHRLHMLGRYIPFLPSEKLEKTSVSPSTAEDELISVF 375

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RESULT 13  
US-09-938-719-9  
; Sequence 9, Application US/09938719  
; Patent No. US20020106742A1  
; GENERAL INFORMATION:

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; APPLICANT: SAMSON, MICHEL
; PARENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: Knodbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660

```

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COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/938,719
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/626,939
FILING DATE: 27-JULY-2000
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: NO. US20020106742A1e
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-938-719-9

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Query Match 61.2%; Score 1134.5; DB 10; Length 355;  
 Best Local Similarity 59.5%; Pred. No. 3.6e-93;

Matches 209; Conservative 66; Mismatches 75; Indels 1; Gaps 1;

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QY 6 DYVETGTTSTYD-DVGLCEKADTRALMAQFVPLKSLVFTVGLGNVVMVLLIKYRR 64
DB 5 NTFEDYDTTTEFDGATPCQKVNERRAFGAQLPLPLSLVFTVGLGNVVMVLLIKYRR 64
QY 65 LRITNTIYLLNLALSDLLFTLTPFVHYVGNHNVGSHGCKLLSGFYHTGLVSEIFFI 124
DB 65 LKNTSTIYLLNLALSDLLFTLTPFVHYVGNHNVGSHGCKLLSGFYHTGLVSEIFFI 124
QY 125 ILITIDRYLAIVHAFVRLARVTFVGVTSIVTWGLAVLALPEFIYETEELPEETLCS 184
DB 125 ILITIDRYLAIVHAFVRLARVTFVGVTSIVTWGLAVLALPEFIYETEELPEETLCS 184
QY 185 ALYPEDTVYSNRHHTLMRTIFCLVPLVPLVMAICVYGIKTLRCPNKKYKARLRFVI 244
DB 185 LHPFHESLRKWKLEQALKMLFGLVPLVPLVMAICVYGIKTLRCPNKKYKARLRFVI 244
QY 245 MAVFEFTWTPYVNAIILSSVOSILFGNDCERSKHLDMVLTVEVIAVSHCCMNPVIYAFV 304
DB 245 MIFELFWIPYVNLIIISVQDFLTFHECQSRHLDLAVQVTEVIAVTHCCVNEVYIAFV 304
QY 305 GERFRKYLRFHFRHLLMLHGRYIPLPSEKLERTSSVSPSTABPELSIYF 355
DB 305 GERFRKYLRFHFRHLLMLHGRYIPLPSEKLERTSSVSPSTABPELSIYF 355

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RESULT 14  
 US-09-939-226-9  
 Sequence 9, Application US/09939226  
 Patent No. US20020110805A1  
 GENERAL INFORMATION:  
 APPLICANT: SAMSON, MICHEL  
 PARMENTIER, MARC  
 VASSART, GILBERT  
 LIBERT, FREDERICK  
 TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR  
 AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Knobbe, Martens, Olson & Bear  
 STREET: 620 Newport Center Drive 16th Floor  
 CITY: Newport Beach  
 STATE: CA  
 COUNTRY: U.S.A.

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ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,226
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/626,939
FILING DATE: 2000-07-27
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: NO. US20020110805A1e
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-939-226-9

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Query Match 61.2%; Score 1134.5; DB 10; Length 355;  
 Best Local Similarity 59.5%; Pred. No. 3.6e-93;

Matches 209; Conservative 66; Mismatches 75; Indels 1; Gaps 1;

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QY 6 DYVETGTTSTYD-DVGLCEKADTRALMAQFVPLKSLVFTVGLGNVVMVLLIKYRR 64
DB 5 NTFEDYDTTTEFDGATPCQKVNERRAFGAQLPLPLSLVFTVGLGNVVMVLLIKYRR 64
QY 65 LRITNTIYLLNLALSDLLFTLTPFVHYVGNHNVGSHGCKLLSGFYHTGLVSEIFFI 124
DB 65 LKNTSTIYLLNLALSDLLFTLTPFVHYVGNHNVGSHGCKLLSGFYHTGLVSEIFFI 124
QY 125 ILITIDRYLAIVHAFVRLARVTFVGVTSIVTWGLAVLALPEFIYETEELPEETLCS 184
DB 125 ILITIDRYLAIVHAFVRLARVTFVGVTSIVTWGLAVLALPEFIYETEELPEETLCS 184
QY 185 ALYPEDTVYSNRHHTLMRTIFCLVPLVPLVMAICVYGIKTLRCPNKKYKARLRFVI 244
DB 185 LHPFHESLRKWKLEQALKMLFGLVPLVPLVMAICVYGIKTLRCPNKKYKARLRFVI 244
QY 245 MAVFEFTWTPYVNAIILSSVOSILFGNDCERSKHLDMVLTVEVIAVSHCCMNPVIYAFV 304
DB 245 MIFELFWIPYVNLIIISVQDFLTFHECQSRHLDLAVQVTEVIAVTHCCVNEVYIAFV 304
QY 305 GERFRKYLRFHFRHLLMLHGRYIPLPSEKLERTSSVSPSTABPELSIYF 355
DB 305 GERFRKYLRFHFRHLLMLHGRYIPLPSEKLERTSSVSPSTABPELSIYF 355

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RESULT 15  
 US-09-938-703-9  
 Sequence 9, Application US/09938703  
 Patent No. US20020110870A1  
 GENERAL INFORMATION:  
 APPLICANT: SAMSON, MICHEL  
 PARMENTIER, MARC  
 VASSART, GILBERT  
 LIBERT, FREDERICK  
 TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR  
 AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Knobbe, Martens, Olson & Bear  
 STREET: 620 Newport Center Drive 16th Floor  
 CITY: Newport Beach  
 STATE: CA

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; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/938,703
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. US20020110870A1e
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-938-703-9

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Query Match      61.2%; Score 1134.5; DB 10; Length 355;
Best Local Similarity 59.5%; Pred. No. 3.6e-93;
Matches 209; Conservative 66; Mismatches 75; Indels 1; Gaps 1;

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QY 6 DVEVETGTTSTYD-DVGLCEKADTRALMAQFVPPILYSLVFTVGLGNVNVVMILIKYR 64
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DB 5 NTEEDYDTTEEDYGDATPCQKVERAFGAQLPLPLYSLVFVIGLVGNILVVLVYQYKR 64
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 65 LRIMNTIYLNTAISDLFLVTLFPFMIHVVRGHNWVEGHGMCRLSGFEYHTGLYSRIEPI 124
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 65 LKMTSTIYLNTAISDLFLFIFLFPWIDYKLDNDWFGDMCKTISGFYHTGLYSRIEPI 124
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 125 ILTIDRYLAIVHAVFALRARTVTFGVITSIVTGLAVLALPEFLFYETELFETELCS 184
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 125 ILTIDRYLAIVHAVFALRARTVTFGVITSIVTGLAVLALPEFLFYETELFETELCS 184
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 185 ALPEDYVSWRHFTLRFTICVLPLIYMAICTGTITKTLRCPSKKKYKAIRLIFVI 244
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 185 LHPHESLKEWKLFGALKNLFGVLPLVLMITCYIGILIKILRRPNEKSKRAVRLIFVI 244
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 245 MAVFIFLTPYVNAIILSSYOSILFGNDCERSKHLDLVMTVEVLAISHCANNPYIYAFV 304
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 245 MIIFFLFWIPYVNLIIISVQDFLTHECEQSRHLDIAVQVTEVLAITHCCVNEVIYAFV 304
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 305 GERFRKRYLHFFRHLLHMLGRYIPPLPSEKLERTSVSPSTAEPDELSTVF 355
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 305 GERFRKRYLHFFRHLLHMLGRYIPPLPSEKLERTSVSPSTAEPDELSTVF 355
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Search completed: June 27, 2003, 18:24:03  
 Job time : 52 secs